

**INTERRUPTING THE INTERACTION OF INTERCELLULAR
ADHESION MOLECULE-1 AND RESPIRATORY SYNCYTIAL
VIRUS TO FOR PREVENTION AND TREATMENT OF INFECTION**

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ABSTRACT OF THE DISCLOSURE

10 There is provided a method of preventing a respiratory infection by
administering an effective amount of an agent for regulating ICAM-1 expression.
Also provided is a composition for the prevention of respiratory infection
including an agent which regulates ICAM expression. method of preventing RSV
infection by administering an effective amount of an agent that interferes with
15 the binding of RSV to ICAM-1. A method of preventing RSV infection by
administering an effective amount of an agent that down regulates the
expression of ICAM-1, thereby decreasing RSV binding to ICAM-1 is also
provided. There is provided a method of treating RSV infection by administering
an effective amount of an agent for down regulating ICAM-1 expression. A
20 method of blocking RSV-ICAM-1 interaction by administering an effective
amount of agents for blocking ICAM sites of binding is provided. Also provided is
a compound for blocking RSV-ICAM-1 interaction including an agent for blocking
ICAM sites of binding.